

Date: Tue, 27 Jul 93 04:30:09 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #905  
To: Info-Hams

Info-Hams Digest                      Tue, 27 Jul 93                      Volume 93 : Issue    905

Today's Topics:

ARRL Internet connection (was: Re: STILL waiting ...) (2 msgs)  
    Broken Kenwood TS-120s, I need help!  
        DXCC List  
    FT-5100 fan turn on temperature  
    Identifying bad AA NiCad batteries?  
information needed on region 8's tech license.... (2 msgs)  
    ITU Geneva, guest licence?  
    rsgb gb2rs news 25th july  
    Sony world band radio for sale  
STILL waiting for your license? Read this and weep!  
    VE Test Conditions (2 msgs)  
    w2a problems -heeeeellllppppp

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: 26 Jul 93 09:49:22 EDT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: ARRL Internet connection (was: Re: STILL waiting ...)  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, jherndo@eis.calstate.edu (John Herndon) writes:  
>Well, stop taking it out of "the back pockets" of ARRL members. As quite  
>a few of us have seen, the ARRL is now connected to the Internet. Drop  
>the DIRECT connection, and save several thousand dollars a month.

Well. This is the first time we've been dinged for being \*too well\*

connected to the Internet. Congratulations! You win the award for coming up with a new complaint.

In fact, we pay something in the neighborhood of \$2000 \*per year\* for our dial-up connection. \*I\* feel that the additional service we are able to provide to our members is more than worth that amount.

>That's meant more of a poke in the side than anything. But it cues a  
>question, Why is the ARRL online? Why not just hookup to a mail/usenet  
>server.

We used to be connected through a uucp connection to a local university. The unreliability of that connection is what drove us to a paid-for connection in the first place.

>Is there a possible expansion in mind?

We hope to one day provide some FTP access, as well as a better mail connection. We are presently waiting for our service provider to upgrade the capabilities at its Hartford POP. Then we may upgrade the connection somewhat. (No firm decision has been made, though.)

-----  
Jon Bloom, KE3Z | jbbloom@arrl.org  
American Radio Relay League |  
225 Main St., Newington CT 06111 |

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Date: 26 Jul 1993 11:55 EDT  
From: swrinde!cs.utexas.edu!usc!howland.reston.ans.net!darwin.sura.net!ra!  
cs.umd.edu!skates.gsfc.nasa.gov!nssdca.gsfc.nasa.gov!stocker@network.ucsd.edu  
Subject: ARRL Internet connection (was: Re: STILL waiting ...)  
To: info-hams@ucsd.edu

In article <1823@arrl.org>, jbbloom@arrl.org (Jon Bloom, KE3Z) writes...  
>In rec.radio.amateur.misc, jherndo@eis.calstate.edu (John Herndon) writes:  
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>>That's meant more of a poke in the side than anything. But it cues a  
>>question, Why is the ARRL online? Why not just hookup to a mail/usenet  
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>connection. We are presently waiting for our service provider to  
>upgrade the capabilities at its Hartford POP. Then we may upgrade  
>the connection somewhat. (No firm decision has been made, though.)

>-----

>Jon Bloom, KE3Z | jbbloom@arrl.org  
>American Radio Relay League |  
>225 Main St., Newington CT 06111 |

Yes, I would hate to see ARRL connectivity to the internet do anything but  
get better. One has to be careful in ones budget but not "cheap". Strong  
connectivity is the way to go and will make service more efficient. The  
country is becoming connected (perhaps not as quickly as I would like but at  
least continuously). I would like to see the ARRL leading and not trailing  
the effort (not that its trailing now; pace seems about equal with the  
rest of US ).

Good work! Keep upgrading connectivity.

Erich  
N3OXM

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Date: 26 Jul 93 12:45:02 EST  
From: titan.ksc.nasa.gov!k4dii.ksc.nasa.gov!user@ames.arpa  
Subject: Broken Kenwood TS-120s, I need help!  
To: info-hams@ucsd.edu

In article <1993Jul25.055037.5650@fcom.cc.utah.edu>,  
levin@cosmic.physics.utah.edu (Chris Levin) wrote:

> I have a Kenwood TS-120s that I bought used  
> from someone. The radio has worked fine  
> for the last few days but is now having  
> a problem.  
> There is no audio and no frequency is displayed

> on any band. Instead, the display shows  
> only 2 periods.

Chris-

A friend had this problem while using a TS-120S in his van. It turned out that he had a bad battery, and the radio does this when the voltage goes below 12 volts.

On the other hand, this is the way the radio acts when you switch it to either the crystal oscillator with no crystals installed, or to an external VFO. It acts as if the VFO was turned off. I would have to look at mine to remember which switch to check. I suppose it might be the "FIX" switch, but don't remember.

73, Fred, K4DII

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Date: Mon, 26 Jul 1993 15:42:08 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
darwin.sura.net!jabba.ess.harris.com!mlb.semi.harris.com!controls.ccd.harris.com!  
drs@network.ucsd.edu  
Subject: DXCC List  
To: info-hams@ucsd.edu

send DXCC-ARRL

N4IJ

drs@ccd.harris.com  
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Date: 26 Jul 93 09:14:02 GMT  
From: ogicse!uwm.edu!cs.utexas.edu!asuvax!chnews!ornews.intel.com!  
littlei.intel.com@network.ucsd.edu  
Subject: FT-5100 fan turn on temperature  
To: info-hams@ucsd.edu

Recently someone posted information on how to adjust the turn on temperature for the fan on a Yaesu FT-5100. Now that I have a FT-5100, I can't find the copy of the info. that I am sure I saved. :-)

If someone has this info. and can send it to me I would be grateful. I'll pass it on to Brian McMinn who will add it to his mods list which he posts to this news group.

Thanks in advance.

Thomas (Griff) Griffin, N7ZKL  
griff@littlei.intel.com Internet  
n7zkl@k7iqi.or.usa.na Packet

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Date: Sun, 25 Jul 93 21:57:57 PDT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!umn.edu!csus.edu!  
netcom.com!netcomsv!cruzio!comix!jeffl@network.ucsd.edu  
Subject: Identifying bad AA NiCad batteries?  
To: info-hams@ucsd.edu

In article <22u6kt\$ioo@vixen.cso.uiuc.edu> b-banko@uiuc.edu writes:  
>Is there an easy way to identify bad AA NiCad batteries?  
>(something that doesn't require any circuits other than a voltmeter?)  
>KB8CNE, Brad Banko  
>Brad Banko; Univ of Illinois; b-banko@uiuc.edu

Not with just a volts-guesser. However, if you have access to an accurate chart recorder and a load resistor, you can perform a very accurate test. The idea is to duplicate the discharge curve one finds in the battery data sheet.

The ritual:

1. Charge the cell any way you think will give a full charge for a known amount of time. Also do this to a known good cell.
  2. Connect a chart recorder, data logger, DVM and stopwatch, or whatever across the cell. Also connect a load resistor.
- For the generic AA 500ma-hr cell, I use a 2.7ohm 2 watt resistor.

The recorder will start at about 1.35v and then show almost a constant voltage of 1.20 volts for about 45 min. It will then drop very rapidly. The energy capacity of the battery is the area under the curve. A dead or sick battery will fall off more rapidly and will not yield a fairly constant voltage.

Repeat the ritual with other AA cells. You should get curves fairly close to the known good cell. Try to keep the initial charging time constant from cell to cell. Also, try not to wait too long after charging before testing as self-discharge may affect the outcome. At 45C (113F) a new pocket cell NiCad will normally lose 50% of its capacity in 30 days.

--

# Jeff Liebermann Box 272 1540 Jackson Ave Ben Lomond CA 95005  
# 408.336.2558 voice wb6ssy@ki6eh.#nocal.ca.usa wb6ssy.ampr.org [44.4.18.10]  
# 408.699.0483 digital\_pager 73557,2074 cis [don't]  
# jeffl@comix.santa-cruz.ca.us scruc.ucsc.edu!comix!jeffl

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Date: 26 Jul 93 22:04:07 GMT  
From: ogicse!uwm.edu!spool.mu.edu!agate!usenet.ins.cwru.edu!magnus.acs.ohio-  
state.edu!ksamath@network.ucsd.edu  
Subject: information needed on region 8's tech license....  
To: info-hams@ucsd.edu

does anyone know if region 8 has issued all the n8??? calls?  
according to the august issue of qst, it was some where  
around n8yvw or so....i am hoping to get one of the remaining  
approximately 600 callsigns....

i need this information to decide whether to check the box  
that gets you a new callsign on the 610.

thanks es 73  
krishna  
kb8fav/t

--

dr krishna s. samath...senior research associate...kss@lenz.eng.ohio-state.edu  
ohio state u, electroscience lab.....(614) 292-7981 (w).....(614) 292-7297 (f)  
1320 kinneer rd, columbus, oh 43212..06/93 ee phd looking for emi/emc/comm. job

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Date: 26 Jul 93 23:29:18 GMT  
From: ogicse!uwm.edu!vixen.cso.uiuc.edu!howland.reston.ans.net!  
usenet.ins.cwru.edu!neoucom.edu!wtm@network.ucsd.edu  
Subject: information needed on region 8's tech license....  
To: info-hams@ucsd.edu

The most recent N8 call sign I've heard is N8ZCA. That was issued  
about a month or so ago. A few more VE sessions and we'll be  
hearing NA8 calls, or whatever comes next.

As Ron Popeil would say: N8 amateur license, perfect for all  
occasions. Comes in handy size suitable for wall mounting.  
Special pocket size lincense with transferrable :-) laser print

included at no additional cost. So you don't forget, send your form 610 before midnight tonight! Quantities limited. Please allow eight to ten weeks for delivery. Satisfaction guaranteed (maybe?).

--

Bill Mayhew                NEOUCOM Computer Services Department  
Rootstown, OH 44272-9995 USA        phone: 216-325-2511  
wtm@uhura.neoucom.edu                amateur radio 146.58: N8WED

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Date: 26 Jul 93 09:58:40 EDT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: ITU Geneva, guest licence?  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, ajk@pcs.dec.com (Anton J. Kuchelmeister Digital-PCS) writes:

> Does anybody have the information on how to get a temporary guest licence  
> for operating the ham radio station at ITU in Geneva?

Contact the friendly folks at the ARRL Regulatory Information Branch (RIB) at ARRL HQ in Newington, Connecticut (203-666-1541). They'll be happy to help you!

GL, OM!

CUL es 73 de BB

```

"
Brian Battles, WS10        I Tel        203-666-1541, ext 222 I    "Radio amateurs
QST Features Editor       I Fax        203-665-7531        I    do it with
ARRL HQ                   I Internet bbattles@arrl.org       I    great frequency"
Newington, CT USA        I Amprnet ws1o@ws1o.ampr.org       I
"

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Date: 26 Jul 93 13:36:35 GMT  
From: pipex!uknet!uos-ee!ee.surrey.ac.uk!M.Willis@uunet.uu.net  
Subject: rsgb gb2rs news 25th july  
To: info-hams@ucsd.edu

In article <CArqq.Ky@brunel.ac.uk>, Alan.Holmes@brunel.ac.uk (Alan J Holmes) writes:

|> In article <743500223snz@tedb.demon.co.uk> ted@tedb.demon.co.uk (Edward Batts)

writes:

|>  
|> >Good morning. It's Sunday the 25th of July and here is the GB2RS news  
|> >broadcast, prepared by the Radio Society of Great Britain.  
|>  
|> Some stuff.  
|>  
|> >We know of five rallies taking place today Sunday the 25th:  
|>  
|> Note that this article was posted on Sat 24 july. Most  
|> of us don't read it on Saturdays, so what on earth is the  
|> point of posting information about incedents taking place  
|> on Sunday when we will not read about it until Monday  
|> morning at the earliest?  
|>  
|> Regards  
|>  
|> Alan Holmes G4CRW  
|>  
|>

So you know what you have missed. If all went well the news would appear a bit earlier on packet and newsnet.

Mike

-----

Date: 26 Jul 93 14:48:42 GMT  
From: gatech!howland.reston.ans.net!darwin.sura.net!news-feed-1.peachnet.edu!  
umn.edu!msus1.msus.edu!vax1.mankato.msus.edu!bayern@RUTGERS.EDU  
Subject: Sony world band radio for sale  
To: info-hams@ucsd.edu

Sony World Band Radio model ICF-SW7600 for sale.

one year old and almost brand new.

Crutchfield's mail order price : 229.95

10-key direct access tuning to all bands, manual and automatic scan tuning  
sleep timer.

come with AC adapter, earphone , complete manual and a book of short wave  
stations of the world( with time table )

I'm asking for \$150.00 obo.

bayern@vax1.mankato.msus.edu



-----  
Date: 26 Jul 93 16:06:09 GMT  
From: gatech!howland.reston.ans.net!noc.near.net!news.bbn.com!petra!  
popovich@RUTGERS.EDU  
Subject: STILL waiting for your license? Read this and weep!  
To: info-hams@ucsd.edu

>: ARRL - what's the real scoop? Please answer here rather than email - it  
>: seems that inquiring minds want to know...  
...  
>One area I would like detailed is EXACTLY what they must do to each  
>application before forwarding it to the FCC.  
>  
>The 610 and all the tests are filled out when they get them, as far as I can  
>tell. There must be something that is not obvious that they do.  
>  
>What is it, And why can W5YI complete the same function so much more  
>efficiently?

Given the relative performances of the VEC and the DXCC Desk lately,  
it seems that either the VEC staffers have been working on DXCC, or  
they've been spending a lot of their time making STRONG coffee to keep  
those DXCC guys working. :-) Congratulations to the League on clearing  
the DXCC backlog; now, how about clearing the license backlog? Then,  
if they'd only send some of that coffee to the NYC/LI Section Manager  
to get him to answer his mail more often than once every couple of  
months...:-) [Is this a common problem with SCMs? Volunteering and  
then deciding they don't want the job?]

It seems like priorities are being misplaced when license applications  
sit around longer than award applications that require at least 100  
@#\$\$%\* QSL cards to be hand-checked. Sigh.  
-Steve, WB3I

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Date: 26 Jul 93 10:13:45 EDT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: VE Test Conditions  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, jeg7e@livia.acs.Virginia.EDU (Jon Gefaell) writes:  
>In article <1806@arrl.org> kirk@arrl.org (Kirk Kleinschmidt, NT0Z) writes:  
>>Faux pas deleted.

>Is this what we can expect in the way of participation from the ARRL in this  
>forum?

Jon,

Speaking for myself, this has not been MY participation in this forum. There have been many ARRL members and staffers who have conducted themselves properly in this forum, even when replying to direct, personal insult.

Please do not paint us all with the same brush. We are individuals here at Headquarters, with individual ideas, strengths and weaknesses.

It is a shame that after 2 years of several of the HQ staffers offering a tasteful presentation of ARRL on usenet, that all of ARRL will be condemned for the inappropriate actions of one individual. There have even been a few \*other\* ARRL-HQ postings (even one or two of mine, in retrospect) that I have considered inappropriate, but that doesn't mean that all of our participation in this forum has been rendered invalid by the mistakes.

73 from ARRL HQ, Ed

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Ed Hare, KA1CV  
American Radio Relay League  
225 Main St.  
Newington, CT 06111  
(203) 666-1541 - voice  
ARRL Laboratory Supervisor  
RFI, xmtr and rcvr testing

ehare@arrl.org

"You will never put the puzzle together  
if you keep putting all of the pieces  
back in the box." Colleen

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Date: Mon, 26 Jul 1993 16:55:39 GMT  
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!darwin.sura.net!  
uvaarpa!murdoch!livia.acs.Virginia.EDU!jeg7e@network.ucsd.edu  
Subject: VE Test Conditions  
To: info-hams@ucsd.edu

In article <1824@arrl.org> ehare@arrl.org (Ed Hare - KA1CV) writes:

>

>In rec.radio.amateur.misc, jeg7e@livia.acs.Virginia.EDU (Jon Gefaell) writes:

>

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>

>>>Faux pas deleted.

>

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>>forum?

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>Jon,

>

>Speaking for myself, this has not been MY participation in this forum. There  
>have been many ARRL members and staffers who have conducted themselves  
>properly in this forum, even when replying to direct, personal insult.

I've found the participation of the ARRL in the net to be exemplary. It's  
almost enough to make me subscribe to your magazine again.

This one little incident wasn't such a big deal, I just wanted to point it  
out and ask my question. At any rate, it is certainly true that the actions  
of an individual employee/representative shouldn't speak for the whole  
organization.

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-----  
 \ \ / Jon Gefaell, Computer Systems Engineer      | Amateur Radio - KD4CQY  
  \ \ / Information Technology and Communications   | -Will chmod for food-  
   \ / The University of Virginia, Charlottesville | Hacker@Virginia.EDU  
Any opinions expressed herein are not intended to be construed as those of UVA
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-----  
Date: 27 Jul 93 16:43:29 +1200  
From: munnari.oz.au!comp.vuw.ac.nz!waikato.ac.nz!barhodes@network.ucsd.edu  
Subject: w2a problems -heeee1111ppppp  
To: info-hams@ucsd.edu

Has anyone had a prob with thier icom w2a not switching on with the 12v  
batt pack connected, and it will switch on with the 7v2 pack????

My w2a was doing just that!!

Now the problem is the light is intermitent in its intensity, that is if  
it goes at all!??.

-but the original problem of turning on has vanished!.

I would be interested in other w2a owners answers!

ta much  
brucee  
ZL1UBR

-----  
Date: 27 Jul 93 05:25:35 GMT  
From: portal!ttoh@uunet.uu.net

To: info-hams@ucsd.edu

References <1823@arrl.org>, <26JUL199311552066@nssdca.gsfc.nasa.gov>,  
<DEM.93Jul26142139@devil.meaddata.com>  
Subject : Re: ARRL Internet connection (was: Re: STILL waiting ...)

In rec.radio.amateur.misc, jherndo@eis.calstate.edu (John Herndon) writes:

> Well, stop taking it out of "the back pockets" of ARRL members. As quite  
> a few of us have seen, the ARRL is now connected to the Internet. Drop  
> the DIRECT connection, and save several thousand dollars a month.

Ya just can't please some people.

Keep upgrading your connectivity, ARRL. Some of us actually appreciate it, although it might be hard to discred that through all the habitual bitching.

--  
Todd Tolhurst, WA1M    \\  
Waterbury, CT            \\   CAUTION: Engage brain before running mouth  
ttolh@shell.portal.com    \\

-----  
Date: 26 Jul 93 14:32:57 GMT  
From: world!ksr!jfw%ksr.com@decwrl.dec.com  
To: info-hams@ucsd.edu

References <1786@arrl.org>, <23JUL199307025189@nssdca.gsfc.nasa.gov>,  
<CAq72H.4r0@dartvax.dartmouth.edu>  
Subject : Re: STILL waiting for your license? Read this and weep!

Kenneth.E.Harker@Dartmouth.Edu (Kenneth E. Harker) writes:  
>In article <23JUL199307025189@nssdca.gsfc.nasa.gov>  
>stocker@nssdca.gsfc.nasa.gov (ERICH FRANZ STOCKER) writes:  
>> This process at all levels is still !!!! TOO !!!! manual. It appears as  
>> if the belief is that a manual process is the only way to ensure accuracy  
>> and validity.  
>       Exactly! I am getting into amateur radio mainly for the digital  
>modes now available.

The problem of validation is not one to take lightly; surely someone as excited as yourselves over the use of computers have heard of computer crackers and other forms of digital malfeasance. Check out the name in the header of my article here; is that REALLY my name?

However, the FCC is not entirely backward; they have issued preliminary regulations to allow electronic filing, contingent (largely) on a federally-

approved standard for digital signatures and other authentication. That is  
\_not\_ a simple problem, and it is one that the people out there in the cold,  
cruel, real world take seriously.

John, WB7EEL

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End of Info-Hams Digest V93 #905

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